BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE ELECTRICAL DIVISION

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule B"

Name of the work :- Maintenance of Aerators and related lightings in Yelahanka oldtown and Allalsandra lake in ward No.1 & 5.

Sl. No	Qty	Description Of Work	Unit	Quoted Rates	
				In figures	In words
1	165	Licenced electricial wiremen with tools (Skilled) Rs.625.17/Days KAE 31 LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2022 to 31-03-2023	Days	625.17	Rupees Six Hundred Twenty Five And Paise Seventeen Only
2	165	Assistant wiremen (semiSkilled) Rs576.14/Days KAE 31 LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2022 to 31-03-2023	Days	576.14	Rupees Five Hundred Seventy Six And Paise Fourteen Only
3	200	Helper (Assistent) Rs531/Days KAE 31 LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2022 to 31-03-2023	Days	531.0	Rupees Five Hundred Thirty One Only
4	200	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm2	mtr	15.0	Rupees Fifteen Only
5	200	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.4 sqmm2	mtr	40.0	Rupees Forty Only
6	14	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Streetlight 90 Watts	No	7777.0	Rupees Seven Thousand Seven Hundred Seventy Seven Only

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7	14	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Each	180.0	Rupees One Hundred Eighty Only
8	5	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.60 to 70Amps	Each	4900.0	Rupees Four Thousand Nine Hundred Only
9	2	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.160	Each	14220.0	Rupees Fourteen Thousand Two Hundred Twenty Only
10	12	Supplying Heavy Duty Copper Terminal Long Barrel 95 Sqmm Copper Terminal, Apprx Wt: 58 Gm	No	133.0	Rupees One Hundred Thirty Three Only
11	4	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics)FOUR POLE 125 Amps 25kA.	Each	8500.0	Rupees Eight Thousand Five Hundred Only
12	15	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps SP	Each	500.0	Rupees Five Hundred Only
13	6	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps DP	Each	900.0	Rupees Nine Hundred Only
14	5	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63Amps TPN	Each	2000.0	Rupees Two Thousand Only
15	20	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440v A.C. 50 Hz 12/24v D.C.	Each	400.0	Rupees Four Hundred Only
16	0.25	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff LT Cable 35 to 95 Sqmm	KM	23000.0	Rupees Twenty Three Thousand Only
17	250	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990.3C X 4.0Sq.mm	mtr	125.0	Rupees One Hundred Twenty Five Only

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18	0.15	Supplying of1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part- 1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 25 Sqmm, 4 Core, (13 GI Strips - 4 x 0.8 mm)	KM	240813.0	Rupees Two Lakh(s) Forty Thousand Eight Hundred Thirteen Only
19	0.1	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 70 Sqmm, 3.5 Core, (18 GI Strips - 4 x 0.8 mm)	KM	423672.0	Rupees Four Lakh(s) Twenty Three Thousand Six Hundred Seventy Two Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'

Contractor

EXECUTIVE ENGINEER